

Claims (Amended)

1. A method for manufacturing a honeycomb structure, the method comprising steps of:

forming, by extrusion, a formed body having an outer wall,
5 partition walls provided inside the outer wall, and cells each surrounded by the partition walls as well as extending to an axial direction of the body; and

drying the formed body,

characterized in that the forming step comprises a step
10 of receiving the formed body being extruded on a cradle which receives the formed body so that an angle of at least one face of the outer wall on the cradle relative to the horizontal plane is 15 to 35 degrees;

the drying step comprises a step of drying the formed body
15 in a state of being received on the cradle.

2. The method for manufacturing a honeycomb structure according to claim 1, wherein the cradle has two faces having a V-shaped cross section.

3. A method for manufacturing a honeycomb structure, the
20 method comprising steps of:

forming, by extrusion, a formed body having an outer wall,
partition walls provided inside the outer wall, and cells each surrounded by the partition walls as well as extending to an axial direction of the body; and

25 drying the formed body,

characterized in that the forming step comprises a step of receiving the formed body being extruded on a cradle which

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has receiving faces having a V-shaped cross section with a cut at an apex of the V shape, and which receives the formed body so that an angle of at least one face of the outer wall on the cradle relative to the horizontal plane is 15 to 45 degrees;

5 and

the drying step comprises a step of drying the formed body in a state of being received on the cradle.

4. The method for manufacturing a honeycomb structure according to claim 3, wherein a length of the cut from the apex
10 of one side of the V shape toward an end portion is 5 to 30 % of a length of a vertical section relative to an axial direction of the outer wall face on a face forming the one side.

5. The method for manufacturing a honeycomb structure according to claim 3 or 4, wherein the cradle receives the formed
15 body so that the angle of at least one face of the outer wall on the cradle relative to the horizontal plane is 35 to 45 degrees.

6. (Amended) A method for manufacturing a honeycomb structure, the method comprising steps of:

20 forming, by extrusion, a formed body having an outer wall, partition walls provided inside the outer wall, and cells each surrounded by the partition walls as well as extending to an axial direction of the body; and

drying the formed body,

25 characterized in that the forming step comprises a step of receiving one face of the outer wall of the formed body being extruded on a cradle;

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the drying step comprises a step of drying the formed body on a cradle which receives the formed body so that an angle of at least one face of the outer wall relative to the horizontal plane is 15 to 45 degrees; and

5 the same cradle is used in the forming step and the drying step.

7. (Amended) The method for manufacturing a honeycomb structure according to claim 6, wherein the cradle has two faces for receiving the formed body and having a V-shaped cross section.

10 8. (Amended) The method for manufacturing a honeycomb structure according to claim 6, wherein the cradle has faces for receiving the formed body and having a V-shaped cross section with a cut at an apex of the V shape.

9. The method for manufacturing a honeycomb structure
15 according to any of claims 1 to 8, wherein the honeycomb structure contains ceramics as a main component.

10. The method for manufacturing a honeycomb structure according to claim 9, wherein the main component contains silicon carbide.

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